

Comtest Networks

Traditional Copper

Central Office Solutions

Central Office/CEV/WIC

DSX 1 Chassis

DSX-1R 56-Port Rear Wire Wrap



The Comtest Networks DSX-1R is a 56-port rear wire wrap unit that allows permanent cabling at DS1 (1.544 Mbps) digital signal rates that cross-connects between network elements such as office repeaters, digital switches, channel banks, digital loop carriers, multiplexers, and digital loop switches. The DSX-1 enables terminating, rearrangement or temporary patching of DS1 circuits as trouble occurs or traffic demand and patterns change. Each network element can be permanently cabled to a DSX-1 terminal or can be temporarily connected using a cross-connect jumper or bantam patch cables between two DSX-1 terminations.

DSX-1 56-Port



The Comtest Networks DSX-1 is a 56-port unit that allows permanent cabling at DS1 (1.544 Mbps) digital signal rates that cross-connects between network elements such as office repeaters, digital switches, channel banks, digital loop carriers, multiplexers, and digital loop switches. The DSX-1 provides three connection areas ("fields") – 1) input/output (I/O) for network element connections, 2) cross-connect (circuit completion) and 3) jack (monitoring or patching). The test points provide bridged and series access for testing or patching.

DSX-1 64 Position Rear Cross-Connect



The Comtest Networks DSX-1-64 is a 64-port rear wire wrap unit is for the 23" RR and allows for permanent cabling at DS1 (1.544 Mbps) digital signal rates that cross-connects between network elements such as office repeaters, digital switches, channel banks, digital loop carriers, multiplexers, and digital loop switches. Each network element can be permanently cabled to a DSX-1 terminal, or can be temporarily connected.

DSX-1 200 Pin Pass Through



The Comtest Networks DSX-1R is a 56-port rear wire wrap unit that allows permanent cabling at DS1 (1.544 Mbps) digital signal rates that cross-connects between network elements such as office repeaters, digital switches, channel banks, digital loop carriers, multiplexers, and digital loop switches. The DSX-1 enables terminating, rearrangement or temporary patching of DS1 circuits as trouble occurs or traffic demand and patterns change. Each network element can be permanently cabled to a DSX-1 terminal or can be temporarily connected using a cross-connect jumper or patch cables between two DSX-1 terminations.

Central Office/CEV/WIC

DSX 1 Support

DSX 1 Rapid Tester



The CNI DSX Rapid Tester enables the accurate testing and error-free certification of twisted pair cabling for up to 40 Gigabit Ethernet circuits on Cat 5e, 6, 6A, 8 or Class FA and I/II. Quickly certifying a cable is a key process in system acceptance and the quicker process equates to overall profitability.

The Rapid Tester comes with a 10ft Protected Testing Probe and a 6ft Grounding Cord terminated with a Bantam plug and large grounding Clip.

DSX 3 Chassis and Cables

DSX-3 32 Position



The Comtest DSX-3 solution is a centralized cross-connect interface between network elements. The all-BNC interface DSX-3 provides connectivity between office repeaters, fiber optic terminals, digital loop carriers, multiplexers, and digital cross-connect systems at DS3 (44.736 Mbps) digital signal rates.

A DSX-3 provides for patching, terminating and rearranging of DS3 circuits as optimization occurs, traffic patterns change and requirements on the network change. Each Chassis has 32 slots for up to 16 x SA-2116-0031 (Odd) Modules & 16 x SA-2116-0030 (Even) Modules.

DSX-3 Mini 12 Position



The Comtest Mini DSX-3 solution, is just like its big brother (above) it is a centralized cross-connect interface between network elements. The DSX-3 consists of the chassis and can be equipped with up to 12 modules. Each Chassis has 12 slots for up to six SA-2116-0030 (Even) Modules and up to six SA-2116-0031 (Odd) Modules.

DSX 3 Preterminated Patch Cables



DS-3 cable management is addressed at the DSX-3 bay framework utilizing cross-connect jumpers and patch cords, ensuring an organized and expandable network. DS 3 systems are designed for use with all types of coaxial cable, i.e., 734, 735A, etc.

Comtest Networks builds Pre-terminated equipment cables for DSX-3 Cross Connections with a variety of connectors on one or both ends of the cable. DS-3 Cable types include single 734 and 735A coaxial cables. Our cable assemblies are designed and built to specifications which enable our DS-3 product line to provide full performance stability and reliability.

[Visit our Website for Ordering Options](#)

Central Office/CEV/WIC

2112 Series Horizontal Frame Terminal Block



MDF-2112 is a 192 Port Wire Wrap Terminal Block whose innovative design uses a PCB to connect the wire wrap block to the RJ-21 connectors. The solid PCB eliminates noise interferences associated with current internally wired terminal blocks.

[192 Port 8x24 Plug Wire Wrap Terminal Block](#)

2811 Series Horizontal Frame Splitter Terminal Block



2811 MDF Splitter's innovative design combines the Splitter from the DSLAM and wire wrap block from the horizontal frame into a single unit. The 2811 MDF Splitter mounts on the front of the horizontal frame and replaces the standard wire wrap blocks.

[Visit our Website for Ordering Options](#)

Versablock Rotating Horizontal Frame Terminal Block (130 Series)



The 130-Series product family is intended for use on central office (CO) frames, private automatic branch exchange (PABX) frames or any application where a compact terminal block is required.

[Visit our Website for Ordering Options](#)

Versablock Rotating Horizontal Frame Terminal Block (139 Series)



No matter what the application – termination of line drawers, trunk modules, tie pairs, transmission channel banks, etc. – the versatile Versablock® Rotating Terminal Block (139 Series) adapts easily to your communications equipment termination needs.

[Visit our Website for Ordering Options](#)

Central Office/CEV/WIC

Protection-Connector Blocks

Model C-377 100-Pair Connector



The C-377 connector accepts the full line of industry standard 303-type, 5-pin protector modules including hybrid, solid state and gas tube modules.

[See Datasheet for Ordering Options](#)

Model C-388 100-Pair Connector



The Comtest C-388 Central Office Connector has an efficient and space-saving design that provides up to 40 % greater pair density when compared to older types of connectors.

[See Datasheet for Ordering Options](#)

Model C(G)-391 100-Pair Connector



The C(G)-391 connector is ideal for use in remote switch and digital line carrier locations, as frame space in huts and controlled environment vaults (CEVs) is usually at a premium.

[See Datasheet for Ordering Options](#)

Model C(G)-303 100-Pair Connector



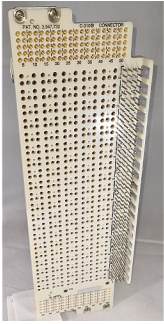
The C(G)-303 connector may be used on central office mainframes and other frames with 8 inch (203 mm) between verticals. The connector accepts the full line of industry -standard 303-type, 5-pin protector modules including hybrid, solid-state and gas tube modules.

[See Datasheet for Ordering Options](#)

Central Office/CEV/WIC

Protection-Connector Blocks (Continued)

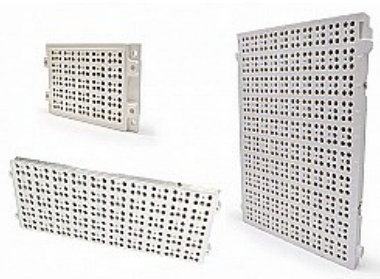
Model C(G)-310 100-Pair Connector



The CNI C(G)-310 Connector is intended for applications where protector pair density and front-facing protector modules, test field and jumper field are important. It is ideal for “protector only” frames where the jumpering between the switching equipment and the connector is done on separate, intermediate distributing frames.

See Datasheet for Ordering Options

BLK Series Protector Panels



The Comtest Model BLK Series 5-pin protector module panels are designed to provide protection for circuits being provided on twisted pair. These panels are designed for cabinets, CEV, huts, and pedestal applications. The modular protector panels are Cat 5 compatible and can be easily sized to a variety of port counts for broadband applications. A large variety of module capacities are available by combining various standard 10, 20, 25, 50 and 100 pair models.

The BLK Series uses standard 5-pin modules to provide overvoltage protection from harmful transient voltage surges such as lightning and power cross transients. 5-pin modules with sneak current protection are also available. The BLK Series building terminal can be supplied with no modules or with factory-installed 5-pin protector modules of your choice.

5-Pin Protection Modules



5-pin protectors can be used universally for broadband voice and data circuits including ADSL, ADSL2+, VDSL, VDSL2 and high-speed Ethernet.

Refer to Website and Datasheets for Ordering Options

MPC Mainframe Connector (QCM486) 100-Pair Connector



The mainframe connector is a miniature, main distributing frame (MDF), high-density connector for use on the vertical side of main distributing frames or on protector frames.

See Datasheet for Ordering Options

Termination/Removal Tool (QTH38B)



The QTH38B tool is used for terminating, bridging, and removing wires from 2-beam or 3-beam, insulation-slicing, quick clip terminals found on QCM468 (MPC) and 391Q connectors, and on Versablocks with quick-clip pins.

Central Office/CEV/WIC

QCM31A Test Connector



The Comtest QCM31A Test Connector is a 100-pair connector for testing of outside plant pairs through the test field of a QCM486 Connector which consists of a one-piece test shoe with 200 spring-loaded gold-plated contacts, a 15ft. (4.57 m) cable and four NS19162L4 plugs.

The QCAF1A is a protective, foam lined carrying case used for transporting and protecting the QCM31A Test Connector.

Central Office Connector Block Accessories

Test Cords



This test cord is equipped with mini-test clips on one end and two insulated alligator clips on the other end.

[303-1213 Test Cord](#)

Circuit Markers



The test point insulator button fits into the recesses on the test field to isolate the pairs from accidental contact by test points or during testing with a front tap shoe. The buttons are made of a red plastic material and are designed to snap into place to cover one test field contact. Not compatible with C(G)-391.

[303-1019 Test Point Insulator \(except C\(G\)-391\)](#)



[Test Point Insulator C\(G\)- 391 only](#)



The red-colored plastic cap is used to mark and prevent accidental access to wire-wrap terminals of special circuits. The cap is designed to fit snugly over a wire-wrap terminal. One is required for each terminal.

[A545-1137 Wire-wrap Terminal Cap](#)

Mounting Bars and Brackets

Picture coming soon

Bracket for wall-mounting a single C-377, C-388 or C(G)-390 connector block.

Universal Connector Mounting Bars

Universal Adapter Bars accommodate the compact spacing dimensions of the C(G)-391, C(G)-390, C-388 and C377 connectors.

7ft–11.5 ft available



Thank You

**Please Contact us for
additional assistance**

info@comtestnetworks.com



comtestnetworks.com